

IN THE CLAIMS

Claims 1-15 are presented below, with claims 1-15 pending. As shown below, claims 1-15 have been amended.

1. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for ~~extracting~~ reading ~~signal processing~~ decoding program information written on the recording medium, wherein the ~~signal processing~~ decoding program information includes a decoding program corresponding to said encoding procedure; and ~~includes one or more executable instructions;~~

means for ~~installing the signal processing program information to a signal processor; and~~
a signal processor ~~means for processing the encoded signal read from the recording medium based on executing the decoding program one or more executable instructions of included in the installed~~ signal processing decoding program information.

2. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the ~~extracting~~ reading means ~~extracts~~ reads the ~~signal processing~~ decoding program information written on the recording medium repeatedly.

3. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for reading ~~signal processing~~ decoding program information from means for storing the ~~signal processing~~ decoding program information, wherein the storing means is attached to the recording medium and the ~~signal processing~~ decoding program information includes a decoding program corresponding to said encoding procedure; and one or more executable instructions;

~~means for installing the signal processing program information to a signal processor; and~~
a signal processor means for processing the encoded signal read from the recording medium based on executing the decoding program one or more executable instructions of included in the installed signal processing decoding program information.

4. (Currently Amended) A recording apparatus comprising:

means for ~~processing encoding~~ an input signal using a predetermined encoding procedure;

means for generating ~~signal processing~~ decoding program information including a decoding program which inversely processes the processed encoded input signal and corresponds to said encoding procedure, wherein the signal processing program information includes one or more executable instructions; and

means for writing to a recording medium the ~~processed encoded~~ input signal and the ~~signal processing~~ decoding program information.

5. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the writing means writes the signal ~~processing-decoding~~ program information on the recording medium repeatedly.

6. (Currently Amended) A recording apparatus comprising:

means for ~~processing-encoding~~ an input signal using a predetermined encoding procedure;

means for generating signal ~~processing-decoding~~ program information including a decoding program which inversely processes the ~~processed-encoded~~ input signal and corresponds to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions~~;

means for writing the ~~processed-encoded~~ input signal to a recording medium; and

means for writing the signal ~~processing-decoding~~ program information to storing means attached to the recording medium.

7. (Currently Amended) A recording/reproducing apparatus comprising:

~~a first~~ means for ~~processing-encoding~~ an input signal using a predetermined encoding procedure;

means for generating signal ~~processing-decoding~~ program information including a decoding program which inversely processes the processed input signal and corresponds to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions~~;

means for writing to a recording medium the encoded input signal ~~processed by the first~~
~~signal processing means~~ and the ~~signal processing~~ decoding program information;

means for reading a signal written on ~~the~~ a recording medium, wherein the signal written
on the recording medium is encoded using said encoding procedure;

means for ~~extracting~~ reading the ~~signal processing~~ decoding program information written
on the recording medium from which the encoded signal was read;

~~means for installing the extracted signal processing program information to a signal~~
~~processor; and~~

a signal processor ~~second means~~ for processing the encoded signal read from the
recording medium based on executing the decoding program ~~one or more executable instructions~~
~~of included in the installed read~~ signal processing decoding program information.

8. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein

the writing means writes the ~~signal processing~~ decoding program information on the
recording medium repeatedly, and

the ~~extracting~~ reading means ~~extracts~~ reads the ~~signal processing~~ decoding program
information written on the recording medium repeatedly.

9. (Currently Amended) A recording/reproducing apparatus comprising:

~~a first means for processing~~ encoding an input signal using a predetermined encoding
procedure;

means for generating ~~signal processing~~ decoding program information including a
decoding program which inversely processes the ~~processed~~ encoded input signal and corresponds

to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions;~~

means for writing the encoded input signal processed by the first signal processing means to a recording medium;

means for writing the signal ~~processing~~ decoding program information to storing means attached to the recording medium;

means for reading a signal written on ~~the a~~ recording medium, wherein the signal written on the recording medium is encoded using said encoding procedure;

means for reading the signal ~~processing~~ decoding program information from the storing means attached to the recording medium from which the encoded signal was read; and

~~means for installing the read signal processing program information to a signal processor;~~
and

a ~~second means~~ signal processor for processing the encoded signal read from the recording medium based on executing the decoding program included in one or more executable instructions of the installed read signal processing decoding program information.

10. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the signal ~~processing~~ decoding program information includes an executable program, and the processing means uses the executable program to process and decode the encoded signal read from the recording medium.

11. (Currently Amended) The reproducing apparatus as set forth in Claim 3, wherein the signal ~~processing~~ decoding program information includes an executable program, and the processing

means uses the executable program to process and decode the encoded signal read from the recording medium.

12. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the signal ~~processing-decoding~~ program information includes an executable program for processing and decoding the ~~processed-encoded~~ input signal after reading the ~~processed-encoded~~ input signal from the recording medium.

13. (Currently Amended) The recording apparatus as set forth in Claim 6, wherein the signal ~~processing-decoding~~ program information includes an executable program for processing and decoding the ~~processed-encoded~~ input signal after reading the ~~processed-encoded~~ input signal from the recording medium.

14. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein the signal ~~processing-decoding~~ program information includes an executable program, and the ~~second processing means~~ signal processor uses the executable program to process and decode the encoded signal read from the recording medium.

15. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 9, wherein the signal ~~processing-decoding~~ program information includes an executable program, and the signal processor ~~second processing means~~ uses the executable program to process and decode the encoded signal read from the recording medium.